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ORGANIZATION OF THE COMMUNICATIONS SERVICE  
OF THE GERMAN NAVY, 4/SKL

1. Attached is an Armed Forces Security Agency translation of TICOM Document T-1401, entitled: "Auszug aus Geheimanlage Nr. 71 zu LB. OKM. Blatt 90/1944". This document deals with certain changes in the organization of the German Navy High Command Signal Intelligence Service (Oberkommando der Marine/ 4 Seekriegsleitung OKM/4 SKL) and is the most nearly complete organizational chart of this organization which has been noted in the TICOM files.

2. The attention of recipients is called to DF-226, in which are outlined the duties of the Radio, Visual Signal and Recognition Signal Branch of the German Navy High Command (OKM/4 SKL II).

3. The original document from which the attached translation was made is now on file in AFSA-14.

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December 1950

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## GLOSSARY

The following is a list of German abbreviations and terms used within the document, with explanation or expansion of each:

Abteilung - German term for a branch, division, or department of an agency

Antegruppe Marinenachrichtendienst - Office, Naval Communications Service

Amtsrat - German civil service grade (Official)

ausb - Ausbildung - training

Dipl - Ing. - Diplom-Ingenieur - Graduate Engineer

Drahtnachrichtendienst - Wire Communications Service

ES - Erkennungssignal - Recognition Signal

F. Kapt. or Freg. Kapt. - Fregattenkapitän - German naval rank approximately equivalent to US naval rank, Commander

Funk - Optischer Signal - und ES-Dienst - Radio, Visual Signal and Recognition Signal Service

Funkaufklärung - Radio Intelligence

Generalreferat - General Section

K. Kapt. - Korvettenkapitän - German naval rank approximately equivalent to US naval rank, Lieutenant Commander

K. Kapt. d. R. - Korvettenkapitän der Reserve - German naval rank approximately equivalent to US naval rank, Lieutenant Commander (Reserve)

K. Kapt. (MN) d. R. - Korvettenkapitän (Marinenachrichten) der Reserve - German naval rank approximately equivalent to US naval rank, Lieutenant (Reserve) of Naval Intelligence

K. Kapt. z. V. - Korvettenkapitän zur Verfügung - German naval rank approximately equivalent to US naval rank, Lieutenant Commander, for special duty

Kapt. z. S. - Kapitän zur See - German naval rank approximately equivalent to US naval rank, Captain

Kapt. z. S. (W) - Kapitän zur See (Marinewaffenoffizier) - German naval rank approximately equivalent to US naval rank, Captain (Ordnance)

Kaptlt - Kapitänleutnant - German naval rank approximately equivalent to US naval rank, Lieutenant (senior grade)

Kaptlt. (MN) - Kapitänleutnant (Marinenachrichten) - German naval rank approximately equivalent to US Lieutenant (senior grade) in Naval Intelligence

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Kapltlt (MN) d. R. - Kapitänleutnant (Marinenachrichten) der Reserve - German naval rank approximately equivalent to US naval rank, Lieutenant (senior grade) of the Reserve, in Naval Intelligence

Konteradmiral - German naval rank approximately equivalent to US naval rank, Rear Admiral

LB - Luftverordnungsblatt Teil B - Air Order Sheet Part B

Mar. Baurat d. R. - Marine Baurat der Reserve - German civil service grade - Naval Architect of the Reserve

Mar. Rüst./N Wa - Kriegsmarine-Rüstung/Amtsgruppe Technisches Nachrichten Wesen - Naval Armaments/Communications Materiel Department

Marinewehrfunk - Naval Radio Defense

Nachrichtentübermittlungsdienst - Signal Transmission Service

Ob. Reg. Rat - Oberregierungsrat - German civil service grade (Superior Government Councillor)

Obit (W) - Oberleutnant (Marinewaffenoffizier) - German naval rank approximately equivalent to US naval rank, Lieutenant (junior grade) (Ordnance)

OKM - Oberkommando der Marine - German Naval High Command

OKM/4. SKL - Oberkommando der Marine/4 Seekriegsleitung - German Naval High Command/4 Naval Warfare Direction

Referate - Section

Reg. Rat - Regierungsrat - German civil service grade (Government Councillor)

Sdf. (Kapltlt) - Sonderführer (Kapitänleutnant) - Sonderführer is a Nationalist Party title for a person employed on special duties. The title Kapitänleutnant denotes a rank approximately equivalent to a US naval rank, Lieutenant (senior grade)

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Extract from "Secret Inclosure Nr. 71 to LB. OKM (Luftverordnungsblatt, Teil B. Oberkommando der Marine) Sheet 90/1944"

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3. Organization "Naval Communications Service" (4/SKL) and "Technical Communications" (Mar. Rüst/N Wa).

To assure close cooperation and unified direction of all special fields of military wire communications, the following change in organization will go into effect as of 1.12.1944:

1. The Abteilung Naval Armaments/Communications Materiel Department V (Mar. Rüst./N Wa V) is dissolved. The military tasks of the wire communications service hitherto handled in this Abteilung pass to 4/SKL. The technical tasks of wire communications which remain are combined in a General Section, Naval Armaments, Communications Materiel Department V (Generalreferat Mar. Rüst/ N Wa V) with four sections (Referate).

2. In 4/SKL a new Division, "Wire Communications Service" ("Drahtnachrichtendienst") is established. It embraces those duties to be taken over according to paragraph 1 from Mar. Rüst/N Wa and the duties of the former General Section 4/SKL IIg.

The former Division "Signal Transmission Service" ("Nachrichtenübermittlungsdienst") is renamed "Radio, Visual Signal, and Recognition Signal Service" ("Funk-, Optischer Signal- und ES-Dienst"), retaining the present short title, 4/SKL II.

3. In 4/SKL I a new Section is set up for dealing with personnel matters as well as for the formation of the wire communications service.

4. On the basis of the above change in organization, the Assignment of Duties Plan of 4/SKL will be revised as follows:

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Office, Naval Communications Service  
 (Antsgruppe Marineneachrichtendienst (4 SKL))

Chief, Naval Communications Service: Konteradmiral KRAUSS

I. General Section 4/SKL I:

General questions of the communications service and of the Office;

Training and personnel matters of communications personnel;

Performance of duties assigned to the Chief, Naval Communications Service as Inspector of the Naval Communications Service.

General Section Head: K. Kapt. z. V. JENSEN

Section Ia:

General questions of organization of the communication service;

Training and utilization of officers of the communication service;

Registry and classified document officer.

Section Head: K. Kapt. (MN) d.R. ESSBERGER

Section Ib:

Training and utilization of petty officers and men, and women auxiliaries of the communication service with the exception of the line telegraphy (L/T) service;

Affairs of the Commander of the Signal Schools;

Naval Radio Defense (Marinewehrfunk).

Section Head: Kaptlt. (MN) d.R. JANSSEN

Section Ic:

Training, preparation and utilization of military personnel;

Setting up and organization of L/T units;

Estimating war strength of L/T formations.

Section Head: Oblt. (W) POELMANN, m.W.h.  
 (4/SKL IV in addition to regular duties)

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Section Iz:

Administrative matters of the Office;

Personnel matters of officials and employees of the Office and of officials of the radio intelligence service at subordinate stations.

Section Head: Until the position is duly filled, its duties will be performed by the Head of the General Section with the assignment of an assistant.

II. Division Radio, Visual Signal, and Recognition Signal Service:

Chief: Kapt. z.S. LUCAN

Section IIa:

Organization and general questions of the Communications Service (transmission);

Operational secrecy;

Operational and tactical questions of the Communications Service;

Cooperation with allied navies;

Liaison officer to 1/SKL;

Standing deputy to the Chief of the Office in "Koralie".

Head: K.Kapt. von MANIHEY

General Section IIb:

General Section for all questions of the radio service;

Commitment of means of radio communication for conduct of naval warfare;

Camouflage, deception, and jamming by means of the Communications Service;

Radio teleprinter service.

General Section Head: K.Kapt. KOLZER

Section IIba:

Radio service for conduct of naval warfare overseas;

Evaluation of war diaries and captured documents.

Section Head: K.Kapt.d.R. HIRSCH

Section IIbb:

Radio operation;

Frequency allocation.

Section Head: Kaptlt. (MN) VOIGT

General Section IIc:

Development, production and distribution of cipher material, cipher systems, cipher keys, and the necessary aids.

General Section Head: Kapt.z.S. BEGEMANN

Section IIca:

Work on cipher systems;

Security of cryptographic systems.

Section Head: K.Kapt.d.R. SCHLIEPHAKE

Section IIcb:

Production and distribution of special keys.

Section Head: Amtsrat DRACHNER, m.W.b.

Section IIcc:

Production and distribution of naval keys and radio names.

Section Head: Amtsrat PITZER, m.W.b.

Section IIId:

Monitoring German cryptographic material from standpoint of enemy radio intelligence;

Development of machine methods of encipherment;

Inventions in the field of cryptography.

Section Head: Freg.Kapt. SINGER

Section IIe:

Optical (Visual) Communications Service;

Recognition Signals;

Signal book ("Signalbuch") of the Navy.

Section Head: K.Kapt. d.R. ANTHES



Section IIIf:

Communications Service of the Merchant Marine in wartime;  
International and public radio service;  
Official radio service;  
Relay message service;  
Nautical Naval Communications Service;  
Sea distress reporting service.

Section Head: Amtsrat HINZ, m.W.b.

Section IIIg:

Work on all operational problems of transmission in the meteorological service (distribution of instruments, preparation of weather transmitters, allocation of frequencies for weather circuits, cryptographic materials, L/T communication of weather service).

Section Head: Regierungsrat d.R. Dr. STIEHLER, (6/SKL),  
(in addition to other duties)

III. Division Radio Intelligence (Funkaufklärung) (4/SKL III)

Chief: Kapt.z.S. KUPFER

Section IIIa:

Organization, new plans, disposition and assignment of duties of radio intelligence;

Radio intelligence on board ship;

Regulation of watch service within the Division.

Section Head: K.Kapt.d.R. von VOIGT

Section IIIb:

Military evaluation of England;

Work on English radio.

Section Head: Kaptlt. BORCHERS

Section IIIc:

Enemy shipping, especially convoys.

Section Head: K.Kapt.d.R. von VOIGT

Section IIIh:

Immediate evaluation;

Cryptanalytic Reports and Cryptanalytic Status Reports  
(B-Meldung und B-Lageberichte);

Tactical organization and stations of foreign warships;

Issue and administration of publications of the Division  
Radio Intelligence;

Messages for Radio Intelligence;

Courier matters;

Supervision of registry.

Section Head: Amtsrat BUCHHOLZ, m.W.b.

Section IIIe:

Military evaluation USA;

Work on USA Radio.

Section Head: Kaptlt. BORCHERS

Section IIIg:

Military evaluation - Russia, France, Sweden and other  
countries;

Work on radio traffic of these countries.

Section Head: Kaptlt. (MN) d.R. AUSCHRA

Section IIIi:

Work on technical problems of radio intelligence;

Supervision of teleprinter station 4/SKL III.

Section Head: Kaptlt. (MN) ZEIMER, m.W.b.

Section IIIj:

Testing of German systems.

Section Head: F.Kapt. SINGER (4/SKL II), in addition  
to other duties.

General Section III F: Research England

General Section Head: Ob.Reg.Rat TRANOW

Section III Fl:

Research England I.

Section Head: Amtsrat SCHNABE, m.W.b.

Section III Fm:

Research England II and Turkey.

Section Head: Reg.Rat d.R. Dr. SCHEUEBLE

Section III Fn:

Research England III.

Section Head: Reg.Rat d.R. Dr. THOMA

Section III Fo:

Research England IV.

Section Head: Dipl.-Ing. SCHMALTZ

Section III Fgu:

Research England V.

Section Head: Oblt. (MN) d.R. KOLLWITZ, m.W.b.

Section IIIr:

Research Russia.

Section Head: Sdf. (Kapit.) HARMANN, m.W.b.

Section IIIu:

Research USA.

Section Head: Amtsrat SCHULTZE, m.W.b.

Section IIIv:

Research - France and Sweden.

Section Head: Ob. Reg.Rat FRANKE

Section III ausb (Ausbildung-Training)

Training matters, courses of instructions.

Section Head: Reg.Rat d.R. Dr. SCHEUERLE

Section IIIk:

Section Head: For special duty, at the same time Chief,  
2nd Navy Communications Corps/Eberswalde,  
Oblt. (MN) d.R. BORCHERS, Willibald

Section IIIp:

Ratings of P.O's, men, and women auxiliaries in  
Branch IV B;

Handling of training matters, Branch IV B;

Handling of changes in organization of out-stations;

Estimating war strength needs of the Division.

Section Head: Oblt. (MN) d.R. LÄNGER, m.W.b.

## IV. Division Wire Communication Service (4/SKL III)

Division Chief: Kap.t.z.S. (W) THEL

Section IVa:

Military problems of the L/T organization;

Military requirements for setting up and organizing  
L/T units;

Internal affairs of the Division.

Section Head: Oblt. (W) POHLMANN, m.W.b.

Section IVb:

Equipment requirements for L/T units;

Commitment of L/T units;

War experiences.

Section Head: Until further notice will be administered  
by the Chief of the Division.

Section IVc:

Preparedness of all L/T links;

Liaison expert to the Ministry of Posts.

Section Head: Mar. Baurat d.R.Dipl.-Ing. WOLFFSTETTER

Section IVd:

Military requirements in field of long distance telephony

Telephone operations, operational regulations.

Section Head: Kaplt. (MN) d.R. SCHMIDT, Eberhard

Section IVe:

Military requirements for field of teleprinters;

Operation of teleprinters, operational regulations;

Affairs of Naval Communications Officer, Berlin and  
Naval Communications Officer, Bismark.

Section Head: Kapit. (MN) PFÄFFLE

Section IVf:

Military requirements for construction of cable and  
overhead nets, direction finding nets, marine cable  
matters.

Section Head: Mar.Baurat d.R.Dipl.-Ing. LIEBIG

Section IVg:

L/T matters of coast and air defense;

Alternate measures.

Section Head: Until further notice will be filled by  
Section Head IVf; appointment reserved.

5. Organization and appointments for Generalreferat Mar Rüst/Wa V  
will be announced separately.

(M I Mb 6533 g. 28.11.44)

/s/ von DAVIDSON